

SMART SOLENOID VALVE



Remote Control

ELV - 301

Wireless Solenoid Valve

ELV - 302

Wireless Solenoid Valve with
Meter Connection Cable

Features

- Protection IP68
- Battery life up to 10 years
- Communication distance up to 2km
- Real time remote management
- Programmed opening and closing cycle of the valve in order to prevent limestone blocks
- Immediate protection, in case of fraud or other alarms, with the valve closure
- Optional local opening/closing button
- Compliance with : ETSI EN 300 220,ETSI EN 54-25, Directive 2004/22/EC

Applications

- Domestic use
- Industry automation
- Programmed irrigation of parks and gardens

Technical Specifications

Wireless Module	
Communication	Bidirectional
Modulation	GFSK/FSK
Frequency	169MHz
Transmission power	-10 ~ + 27dbm
Sensitivity	-129 dbm
Channel space	6.25 Khz
Data trasmission mode current	<40 mA&15db <400mA&27db
Data rate	300bps
General	
Power supply	Lithium Battery 3,6V
Power Down current	1,5uA (3,3V)
Sleep Mode current	19uA (3,3V)
Operating current	< 30uA (3,3V)
Battery life	Up to 10 years
Protection	IP-68
Communication distance	2000 m in open area
Data communication protocol	Proprietary, WMBUS (optional)
Certification	CE
Compliance with	ETSI EN 300 220,ETSI EN 54-25 Directive 2004/22/EC

Dimensions	
Diameter	Da DN15 a DN100
Tube length	mm 71,5
Box length	mm 89
Box height	mm 69
Box width	mm 89
Tube diameter	DN15 fino a DN100
Weight	kg 0,3
Installation location	H